

LUC-430/ Mutha 1

2

**AMENDMENTS IN THE CLAIMS**

1           1.     (Currently amended) An apparatus, comprising:

2           one or more server components operable to communication with one or more  
3     router components, wherein the one or more server components employ one or more  
4     identifiers of one or more communication devices to make a determination of one or  
5     more internet protocol addresses of the one or more router components, and wherein  
6     the one or more identifiers comprise any one or more of:

7           a phone number for one or more users associated with the one or more  
8     communication devices;

9           an email address for the one or more users associated with the one or more  
10    communication devices;

11          an instant message name for the one or more users associated with the one or  
12    more communication devices; and

13          a user name for the one or more users associated with the one or more  
14    communication devices; and

LUC-430/ Mutha 1

3

15        wherein the one or more server components assign an internet protocol address  
16        to the one or more communication devices, and wherein the one or more server  
17        components employ at least one of the one or more identifiers and one or more  
18        screening preferences to direct a voice over Internet Protocol (VOIP) call as one of one  
19        or more messages or calls through the one or more router components to the one or  
20        more communication devices, and wherein at least one of the one or more screening  
21        preferences is an alert preference which directs the communication devices to employ a  
22        different ring tone or message alert for the one or more messages or calls.

1            2.        (Original) The apparatus of claim 1, wherein the one or more server  
2        components employ the one or more identifiers to search one or more databases to  
3        make the determination of the one or more internet protocol addresses of the one or  
4        more router components.

1            3.        (Previously presented) The apparatus of claim 2, wherein one or more of  
2        the one or more internet protocol addresses of one or more of the one or more router  
3        components comprise one or more dynamic internet protocol address of the one or  
4        more of the one or more router components; and

5            wherein one or more of the one or more server components search one or more  
6        of the one or more databases to make a determination of the one or more dynamic  
7        internet protocol addresses of the one or more of the one or more router components.

LUC-430/ Mutha 1

4

1           4.     (Previously presented) The apparatus of claim 2, wherein one or more of  
2     the one or more internet protocol addresses of one or more of the one or more router  
3     components comprise one or more static internet protocol address of the one or more of  
4     the one or more router components; and

5                 wherein one or more of the one or more server components search one or more  
6     of the one or more databases to make a determination of the one or more static internet  
7     protocol addresses of the one or more of the one or more router components.

1           5.     (Previously presented) The apparatus of claim 1, wherein upon the  
2     determination by the one or more server components of the one or more internet  
3     protocol addresses of the one or more router components, one or more of the one or  
4     more server components communicate the one or more messages or calls through the  
5     internet to the one or more internet protocol addresses of the one or more router  
6     components.

1           6.     (Previously presented) The apparatus of claim 5, wherein one or more of  
2     the one or more messages or calls comprise one or more video messages; and

3                 wherein upon the determination by the one or more server components of the  
4     one or more internet protocol addresses of the one or more router components, the one  
5     or more of the one or more server components communicate the one or more video  
6     messages through the internet to one or more of the one or more internet protocol  
7     address of one or more of the one or more router components.

LUC-430/ Mutha 1

5

1           7.     (Original) The apparatus of claim 5, wherein the one or more of the one or  
2     more server components comprise one or more first server components, the apparatus  
3     in combination with:

4           one or more second server components that employ the one or more identifiers  
5     of the one or more communication devices to direct the one or more messages or calls  
6     through the one or more router components to the one or more communication devices.

1           8.     (Previously presented) The apparatus of claim 7, wherein one or more of  
2     the one or more second server components employ the one or more screening  
3     preferences of one or more of the one or more users associated with one or more of the  
4     one or more communication devices to direct one or more of the one or more messages  
5     or calls to the one or more of the one or more communication devices.

1           9.     (Previously presented) The apparatus of claim 8, wherein the one or more  
2     screening preferences are stored in one or more databases, and wherein the one or  
3     more of the one or more second server components employ the one or more of the one  
4     or more messages or calls to perform a search of the one or more screening  
5     preferences, and wherein the one or more of the one or more second server  
6     components employ one or more results of the search to direct the one or more of the  
7     one or more messages to the one or more of the one or more communication devices.

1           10.    (Previously presented) The apparatus of claim 7, wherein one or more of  
2     the one or more router components are coupled with a landline telephone network; and

LUC-430/ Mutha 1

6

3 wherein one or more of the one or more second server components direct one or  
4 more landline telephone calls from the landline telephone network through one or more  
5 of the one or more router components to one or more of the one or more  
6 communication devices.

1 11. (Previously presented) The apparatus of claim 7, wherein one or more of  
2 the one or more router components are coupled with a mobile network; and

3 wherein one or more of the one or more second server components direct one or  
4 more mobile phone calls from the mobile network through one or more of the one or  
5 more router components to one or more of the one or more communication devices.

1 12. (Previously presented) The apparatus of claim 7, wherein the one or more  
2 of the one or more communication devices comprise one or more smart appliances with  
3 one or more functions; and

4 wherein one or more of the one or more second server components direct one or  
5 more of the one or more messages or calls through one or more of the one or more  
6 router components to trigger one or more of the one or more functions of the one or  
7 more smart appliances.

1 13. (Original) The apparatus of claim 1 further comprising:  
2 one or more mobile communication devices;

LUC-430/ Mutha 1

7

wherein upon the determination by the one or more server components of the one or more internet protocol addresses of the one or more router components, the one or more mobile communication devices employ an H.323 protocol to communicate one or more messages or calls through the internet to one or more of the one or more internet protocol address of one or more of the one or more router components.

14. (Previously presented) The apparatus of claim 1, wherein the one or more of the one or more server components comprise one or more first server components; and

wherein the one or more first server components employ the one or more identifiers to search one or more databases to make the determination of the one or more internet protocol addresses of the one or more router components; and

wherein upon the determination by the one or more first server components of the one or more internet protocol addresses of the one or more router components, one or more of the one or more first server components communicate one or more messages or calls through the internet to the one or more Internet protocol addresses of the one or more router components;

the apparatus further comprising:

one or more second server components;

wherein upon receipt of the one or more messages or calls at the one or more router components, the one or more second server components employ the one or more identifiers of the one or more communication devices to direct the one or more messages or calls through the one or more router components to the one or more communication devices.

LUC-430/ Mutha 1

8

1           15.   (Currently amended) A method, comprising the steps of:

2           searching one or more databases with one or more identifiers of one or more  
3           communication devices to make a determination of one or more internet protocol  
4           addresses of one or more router components;

5           sending one or more messages or calls to the one or more internet protocol  
6           addresses of the one or more router components for direction to the one or more  
7           communication devices; and

8           assigning, via one or more server components, an Internet protocol address to  
9           the one or more communication devices, and

10          employing at least one of the one or more identifiers and one or more screening  
11          preferences to direct a voice over Internet Protocol (VOIP) call as one of the one or  
12          more messages or calls through the one or more router components to the one or more  
13          communication devices, and wherein at least one of the one or more screening  
14          preferences is an alert preference which directs the communication devices to employ a  
15          different ring tone or message alert for the one or more messages or calls.

1           16.   (Previously presented) The method of claim 15, wherein one or more of  
2           the one or more internet protocol addresses of the one or more router components  
3           comprise one or more dynamic internet protocol addresses of one or more of the one or  
4           more router components, and wherein the step of searching the one or more databases  
5           with the one or more identifiers of the one or more communication devices to make the  
6           determination of the one or more internet protocol addresses of the one or more router  
7           components comprises the steps of:

LUC-430/ Mutha 1

9

8            searching one or more of the one or more databases make the determination of  
9            the one or more dynamic internet protocol addresses of the one or more of the one or  
10           more router components; and

11           sending one or more of the one or more messages or calls through the internet to  
12           the one or more dynamic internet protocol addresses of the one or more of the one or  
13           more router components.

1           17.    (Previously presented) The method of claim 15, wherein one or more of  
2           the one or more Internet protocol addresses of the one or more router components  
3           comprise one or more static internet protocol addresses of one or more of the one or  
4           more router components, and wherein the step of searching the one or more databases  
5           with the one or more identifiers of the one or more communication devices to make the  
6           determination of the one or more internet protocol addresses of the one or more router  
7           components comprises the steps of:

8                  searching one or more of the one or more databases to make the determination  
9                  of the one or more static internet protocol addresses of the one or more of the one or  
10                 more router components; and

11                 sending one or more of the one or more messages or calls through the internet to  
12                 the one or more static internet protocol addresses of the one or more of the one or more  
13                 router components.



LUC-430/ Mutha 1

10

1           18.   (Previously presented) The method of claim 15, wherein the one or more  
2   communication devices comprise one or more smart appliances, and wherein the step  
3   of sending the one or more messages or calls to the one or more internet protocol  
4   addresses of the one or more router components for direction to the one or more  
5   communication devices comprises the step of:

6           triggering one or more functions of the one or more smart appliances through  
7   direction of one or more of the one or more messages or calls through one or more of  
8   the one or more router components.

1           19.   (Previously presented) The method of claim 15, wherein the one or more  
2   databases comprise one or more first databases, and wherein the step of sending the  
3   one or more messages or calls to the one or more internet protocol addresses of the  
4   one or more router components for direction to the one or more communication devices  
5   comprises the steps of:

6           searching one or more second databases to direct one or more of the one or  
7   more messages or calls to one or more of the one or more communication devices;

8           directing the one or more of the one or more communication messages to the  
9   one or more of the one or more communication devices through employment of one or  
10   more of the one or more identifiers and one or more message screening preferences of  
11   one or more users of the one or more communication devices.

LUC-430/ Mutha 1

11

1           20. (Previously presented) The method of claim 15, wherein one or more of  
2 the one or more communication messages comprise one or more video messages, and  
3 wherein the step of sending the one or more messages or calls to the one or more  
4 internet protocol addresses of the one or more router components for direction to the  
5 one or more communication devices comprises the steps of:

6           communicating the one or more video messages through the internet to the one  
7 or more internet protocol address of the one or more router components.

1           21. (Currently amended) A computer-readable medium having computer  
2 executable instructions for performing steps, the computer-readable medium being  
3 operable to communication with one or more router components, wherein one or more  
4 identifiers comprise any one or more of a phone number, an email address, an instant  
5 message name, and a user name of user associated with a communication device,  
6 comprising:

7           means in the computer-readable medium for searching one or more databases  
8 with the one or more identifiers of one or more communication devices to make a  
9 determination of one or more internet protocol addresses of the one or more router  
10 components;

11           means in the computer-readable medium for sending one or more messages or  
12 calls to the one or more internet protocol addresses of the one or more router  
13 components for direction to the one or more communication devices; and

LUC-430/ Mutha 1

12

14 means in the computer-readable medium for assigning, via one or more server  
15 components, an internet protocol address to the one or more communication devices,  
16 and

17 means in the computer-readable medium for employing at least one of the one or  
18 more identifiers and one or more screening preferences to direct a voice over Internet  
19 Protocol (VOIP) call as one of the one or more messages or calls through the one or  
20 more router components to the one or more communication devices, and wherein at  
21 least one of the one or more screening preferences is an alert preference which directs  
22 the communication devices to employ a different ring tone or message alert for the one  
23 or more messages or calls.

1 22. (Previously presented) The apparatus of claim 1, wherein the one or more  
2 communication devices comprise one or more of a computer, an Internet telephone, a  
3 landline telephone, a mobile communication device, a television, a smart appliance, a  
4 voice mailbox, and an answering machine.

1 23. (Previously presented) The apparatus of claim 1, wherein the one or more  
2 router components are located in one or more homes or offices, the one or more router  
3 components being operable to receive a call or message from a network component  
4 through a fixed wireless interface.

1 24. (Previously presented) The apparatus of claim 1, wherein the one or more  
2 server components employ the one or more messages or calls to perform a search for  
3 the screening preferences to direct the one or more messages or calls.

LUC-430/ Mutha 1

13

1           25.   (Previously presented) The apparatus of claim 1, wherein another one of  
2 the screening preferences is a preference for one or more of the communication  
3 devices.

1           26.   (Previously presented) The apparatus of claim 1, wherein another one of  
2 the screening preferences is a forwarding preference which directs the one or more  
3 messages or calls to another communication device.

1           27.   (Previously presented) The apparatus of claim 1, wherein another one of  
2 the screening preferences is a forwarding preference which directs the one or more  
3 messages or calls to another router component in another location.

1           28.   (Previously presented) The apparatus of claim 1, wherein another one of  
2 the screening preferences is a preference for a voice mailbox or an answering machine.

1           29.   (New) The apparatus of claim 1, wherein the one or more server  
2 components or the one or more router components assign the internet protocol address  
3 to the one or more communication devices.

1           30.   (New) An apparatus, comprising:  
2 one or more server components operable to communication with one or more  
3 router components, wherein the one or more server components employ one or more  
4 identifiers of one or more communication devices to make a determination of one or  
5 more internet protocol addresses of the one or more router components, and wherein  
6 the one or more identifiers comprise any one or more of:

LUC-430/ Mutha 1

14

7 a phone number for one or more users associated with the one or more  
8 communication devices;

9 an email address for the one or more users associated with the one or more  
10 communication devices;

11 an instant message name for the one or more users associated with the one or  
12 more communication devices; and

13 a user name for the one or more users associated with the one or more  
14 communication devices;

15 wherein the one or more router components assign an internet protocol address  
16 to the one or more communication devices, and wherein the one or more server  
17 components employ at least one of the one or more identifiers to direct one or more  
18 messages or calls through the one or more router components to the one or more  
19 communication devices.

1